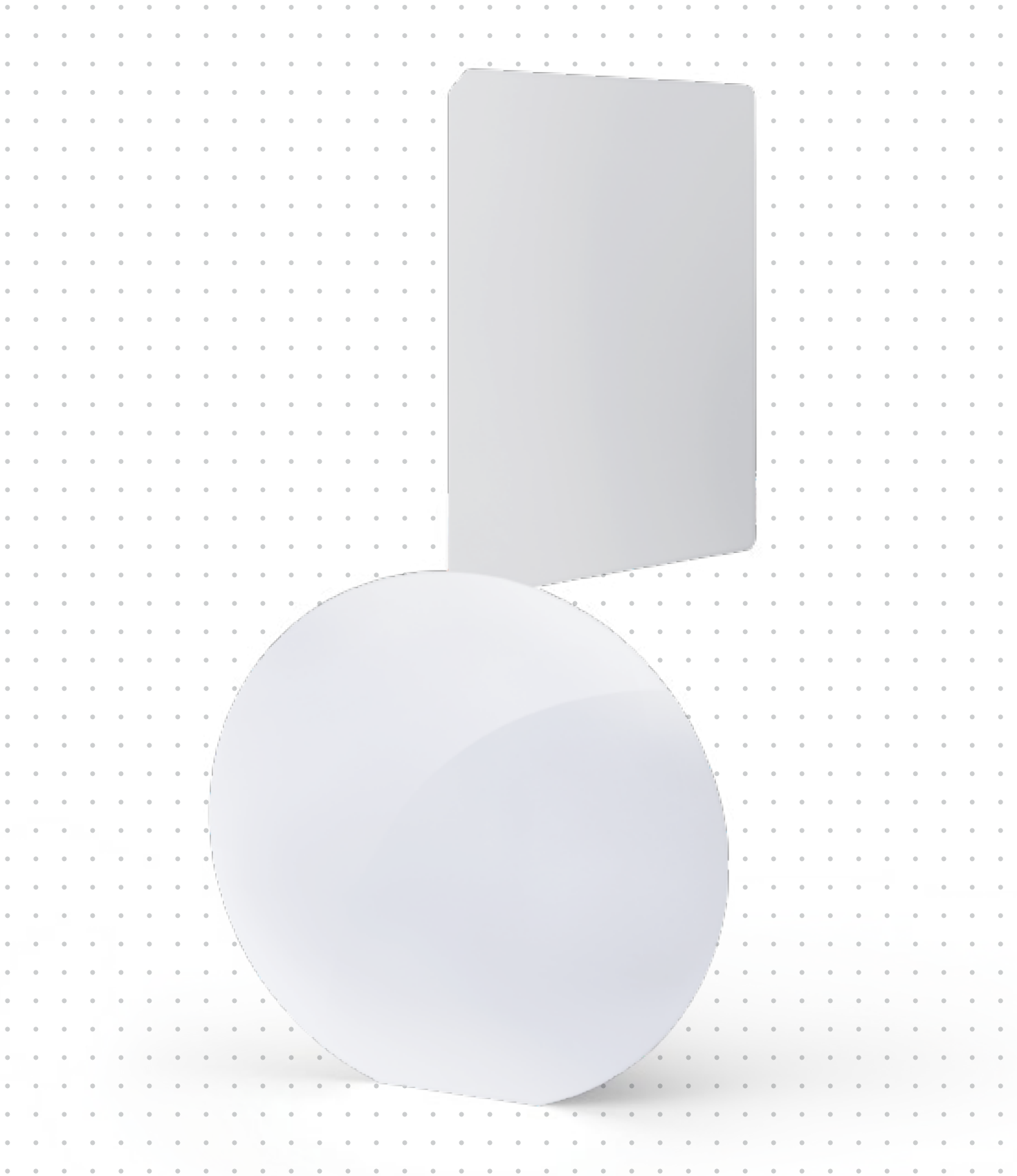




Large Area Thick-Film Substrate

Surface Imperfection Criteria



Large Area Thick-Film Ceramic Substrates (> 35 in²)

Surface Imperfection Criteria

Surface Imperfections		Acceptance Criteria
Burrs/Excess Body Fragment of excess material or foreign particle adhering to the surface		None > 0.020" (0.508 mm) High
Pits, Holes, and Pocks A deep depression or void		None > 0.050" (1.27 mm) Diameter
Blisters Bubble or gaseous inclusion at the surface which, if broken, could form a pit, pock, or hole		None > 0.010" (0.254 mm) High
Bumps, Fins, Ridges Protrusion on the surface		None > 0.020" (0.508 mm) High.
Chips		None > 0.050" (1.27mm) x 50% of thickness x unlimited length
Cracks Line of fracture without complete separation		None

The criteria in this table applies to substrates with surface area greater than 35 square inches.

Charts intended to illustrate typical properties. Property values vary with method of manufacture, size, and shape of part. Data contained herein is not to be construed as absolute and does not constitute a representation or warranty for which CoorsTek assumes legal responsibility. CoorsTek CoorsTek, and Amazing Solutions are registered trademarks of CoorsTek, Inc.



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